

T.I.T.L. MARKET SAMPLE NO. 4  
F.T.C. METHODOLOGY  
PER CIGARETTE DATA  
PART A -- PUFF CT., T.P.M., WATER, AND BUTT LENGTH

<u>BRAND</u>			<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm</u>
Alpine	X	9.0	8.9 ± 0.1	22.8 24.0 ± 0.5	2.2 3.3 ± 0.2	29 27 & 29
	s		0.2	1.1	0.4	
	CV		2.4	4.7	10.6	
Belair	X	8.5	8.6 ± 0.1	21.3 24.0 ± 0.5	2.4 3.8 ± 0.2	28 27 & 28
	s		0.3	1.1	0.5	
	CV		3.5	4.7	13.9	
Benson & Hedges reg. size	X	7.2	7.5 ± 0.1	13.3 27.4 ± 0.7	3.8 6.1 ± 0.4	23 23
	s		0.3	1.6	0.8	
	CV		4.3	5.7	13.3	
Benson & Hedges king size	X	8.8	9.3 ± 0.2	24.0 26.3 ± 0.4	2.7 4.7 ± 0.2	27 27
	s		0.3	0.9	0.5	
	CV		3.8	3.6	11.5	
Benson & Hedges 100 mm. filter	X	10.0	9.9 ± 0.1	23.5 25.6 ± 0.4	2.5 2.9 ± 0.2	35 35
	s		0.3	0.9	0.4	
	CV		3.1	3.4	12.6	
Benson & Hedges 100 mm. menthol	X	9.8	10.0 ± 0.1	24.2 26.9 ± 0.4	2.2 3.2 ± 0.2	35 35
	s		0.2	0.9	0.4	
	CV		2.7	3.3	12.3	
Bull Durham	X	11.2	11.3 ± 0.2	34.7 36.9 ± 0.4	4.5 5.9 ± 0.2	27 27
	s		0.3	0.9	0.6	
	CV		3.0	2.4	9.4	

PM3000952732

BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Camel	X	83 8.3 ± 0.1	27.9 31.8 ± 0.7	2.4 4.1 ± 0.2	23 23
reg. size	s	0.3	1.6	0.5	
non-filter	CV	3.1	5.1	12.6	
Camel	X	97 9.8 ± 0.2	24.4 26.7 ± 0.6	3.0 4.7 ± 0.3	27 27
king size	s	0.4	1.3	0.8	
filter	CV	4.5	4.8	16.3	
Carlton	X	91 9.0 ± 0.1	4.5 5.2 ± 0.4	0.4 0.7 ± 0.2	33 33
	s	0.3	1.0	0.5	
	CV	3.0	18.9	73.6	
Cascade	X	76 7.8 ± 0.1	6.5 9.6 ± 0.4	2.6 1.9 ± 0.2	27 27
	s	0.3	0.9	0.4	
	CV	3.5	9.8	19.8	
Century	X	105 10.6 ± 0.2	25.1 27.4 ± 0.5	2.6 3.3 ± 0.2	33 33
	s	0.4	1.2	0.4	
	CV	3.7	4.2	10.7	
Chesterfield	X	82 8.1 ± 0.1	27.0 30.3 ± 0.5	2.5 4.1 ± 0.2	23 23
reg. size	s	0.3	1.2	0.5	
non-filter	CV	3.4	4.0	13.0	
Chesterfield	X	104 10.4 ± 0.2	32.1 35.7 ± 0.7	3.0 4.6 ± 0.2	23 23
king size	s	0.4	1.5	0.5	
non-filter	CV	4.3	4.2	10.0	
Chesterfield	X	91 9.4 ± 0.2	25.1 29.0 ± 0.6	3.8 5.5 ± 0.4	27 27
king size	s	0.4	1.2	0.8	
filter	CV	3.8	4.3	15.3	

PM3000952733

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm</u>
Chesterfield	X	8.8 9.0 ± 0.2	23.6 25.9 ± 0.9	8.1 4.8 ± 0.3	27 27
king size,	s	0.4	2.0	0.7	
filter menthol	CV	4.2	7.6	15.2	
Chesterfield	X	9.8 10.2 ± 0.2	21.9 24.6 ± 0.6	2.2 3.4 ± 0.2	30 30
101 mm.	s	0.4	1.4	0.5	
	CV	3.8	5.6	13.9	
Colony	X	10.2 10.7 ± 0.1	30.9 35.9 ± 0.7	4.2 6.1 ± 0.2	27 27
100 mm.	s	0.3	1.5	0.5	
filter	CV	3.0	4.1	8.9	
Colony	X	1.6 10.2 ± 0.1	28.8 33.4 ± 0.7	3.0 6.1 ± 0.3	27 27
100 mm.	s	0.2	1.5	0.8	
filter menthol	CV	2.4	4.6	12.5	
Domino	X	0.9 9.7 ± 0.2	27.7 31.0 ± 0.7	3.1 4.3 ± 0.2	23 23
king size,	s	0.4	1.6	0.4	
non-filter	CV	4.3	5.1	10.5	
Domino	X	7.4 10.3 ± 0.2	23.0 27.8 ± 0.6	3.1 6.1 ± 0.4	24 24
king size,	s	0.5	1.3	0.9	
filter	CV	4.8	4.5	14.4	
Domino	X	10.1 10.6 ± 0.2	10.6 19.0 ± 1.0	2.3 4.0 ± 0.4	24 24
king size,	s	0.5	2.2	0.8	
filter menthol	CV	4.5	11.9	20.2	
Duke	X	6.9 6.8 ± 0.1	11.1 11.6 ± 0.4	1.0 1.6 ± 0.2	33 33
	s	0.3	0.9	0.4	
	CV	3.9	7.9	21.5	

BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Du Maurier	X 9/	9.1 ± 0.1	20.4 23.1 ± 0.5	2.2 3.5 ± 0.3	28 28
	s	0.3	1.1	0.6	
	CV	3.5	4.7	18.6	
English Ovals	X 8.9	8.9 ± 0.2	30.3 33.1 ± 1.0	2.5 4.3 ± 0.3	23 23
reg. size	s	0.4	2.2	0.7	
non-filter	CV	5.0	6.8	17.3	
English Ovals	X 11.7	11.9 ± 0.2	33.7 42.4 ± 0.8	2.9 4.9 ± 0.2	23 23
king size	s	0.5	1.8	0.4	
non-filter	CV	4.2	4.4	8.8	
Fatima	X 11.1	11.5 ± 0.2	36.4 40.2 ± 0.6	3.6 5.2 ± 0.2	23 23
	s	0.3	1.5	0.4	
	CV	3.0	3.6	8.5	
Frappe	X 8.0	8.5 ± 0.1	9.4 12.0 ± 0.7	1.2 2.7 ± 0.3	27 27
	s	0.3	1.5	0.6	
	CV	3.9	12.7	21.8	
Galaxy	X 9.0	8.9 ± 0.1	23.0 26.3 ± 0.5	2.7 4.0 ± 0.2	27 27 & 29
	s	0.3	1.1	0.4	
	CV	3.6	4.2	10.7	
Gauloises	X 7.7	7.7 ± 0.2	26.3 30.3 ± 0.6	1.7 2.9 ± 0.2	23 23
Caporal	s	0.4	1.5	0.5	
non-filter	CV	5.6	4.8	16.4	
Gauloises	X 8.8	8.8 ± 0.2	24.2 27.5 ± 0.8	2.2 3.9 ± 0.4	23 23
Disque Bleu	s	0.4	1.8	0.8	
filter	CV	4.7	6.6	20.5	

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm</u>
Half & Half	X <i>11.9</i>	11.0 $\pm$ 0.2	<i>30.7</i> 29.5 $\pm$ 0.7	<i>3.8</i> 4.9 $\pm$ 0.3	<i>27</i> 27
	s	0.4	1.5	0.6	
	CV	3.2	5.0	12.5	
Helmar	X <i>11.7</i>	11.1 $\pm$ 0.2	<i>28.3</i> 31.1 $\pm$ 0.6	<i>3.1</i> 5.0 $\pm$ 0.3	<i>24</i> 28
	s	0.4	1.5	0.8	
	CV	4.1	4.7	15.2	
Herbert Tareyton	X <i>10.0</i>	10.1 $\pm$ 0.1	<i>34.8</i> 36.9 $\pm$ 0.6	<i>3.7</i> 4.8 $\pm$ 0.2	<i>23</i> 23
	s	0.3	1.4	0.5	
	CV	3.0	3.9	10.4	
Holiday king size, non-filter	X <i>10.2</i>	11.2 $\pm$ 0.2	<i>33.0</i> 42.6 $\pm$ 0.8	<i>3.2</i> 6.1 $\pm$ 0.3	<i>23</i> 23
	s	0.5	1.9	0.7	
	CV	4.3	4.5	11.5	
Holiday king size, filter	X <i>10.5</i>	12.1 $\pm$ 0.5	<i>30.4</i> 34.3 $\pm$ 0.9	<i>5.0</i> 6.9 $\pm$ 0.5	<i>24</i> 24
	s	1.1	2.1	1.0	
	CV	9.1	6.0	15.1	
Home Run	X <i>6.9</i>	6.7 $\pm$ 0.1	<i>22.7</i> 26.1 $\pm$ 0.6	<i>2.1</i> 3.7 $\pm$ 0.2	<i>23</i> 23
	s	0.2	1.2	0.4	
	CV	3.9	4.7	10.0	
Kent reg. size, filter	X <i>7.3</i>	7.0 $\pm$ 0.1	<i>16.5</i> 14.5 $\pm$ 1.0	<i>2.1</i> 2.6 $\pm$ 0.4	<i>25</i> 24
	s	0.3	2.4	1.0	
	CV	4.4	16.3	37.8	
Kent king size filter hard pack	X <i>8.6</i>	8.8 $\pm$ 0.1	<i>19.3</i> 22.1 $\pm$ 0.6	<i>2.5</i> 3.9 $\pm$ 0.3	<i>27</i> 25 & 27
	s	0.3	1.4	0.8	
	CV	3.1	6.2	19.6	

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm</u>
Kent king size, filter soft pack	X s CV	8.9 8.8 ± 0.2 0.4 4.5	19.4 20.6 ± 0.4 0.9 4.4	2.2 3.2 ± 0.2 0.5 15.4	27 28
Kent 100 mm. filter	X s CV	11.2 10.4 ± 0.2 0.5 5.2	21.2 23.6 ± 0.6 1.4 5.9	2.0 2.8 ± 0.2 0.4 14.7	33 33
King Sano king size, filter	X s CV	7.5 7.9 ± 0.1 0.2 3.0	7.0 8.3 ± 0.5 1.2 14.2	0.8 1.5 ± 0.1 0.3 20.6	28 28
King Sano menthol	X s CV	7.3 8.0 ± 0.2 0.4 5.1	6.3 9.3 ± 0.7 1.6 17.0	0.7 1.6 ± 0.2 0.5 34.0	28 28
Kool reg. size, non-filter menthol	X s CV	7.6 7.0 ± 0.1 0.2 3.6	28.1 27.2 ± 0.5 1.1 4.1	2.9 3.8 ± 0.2 0.5 14.0	23 23
Kool king size, filter menthol	X s CV	8.7 8.7 ± 0.1 0.3 3.5	21.8 24.2 ± 0.6 1.4 5.8	2.4 4.0 ± 0.4 1.0 24.3	28 28

BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Kool 100 mm. filter menthol	X s CV	110 9.9 ± 0.1 0.3 3.4	24.0 25.6 ± 0.6 1.3 5.2	24 3.4 ± 0.3 0.8 22.4	33 33
L & M reg. size, filter	X s CV	7.3 7.3 ± 0.2 0.4 4.9	20.9 23.0 ± 0.7 1.6 7.1	3.4 5.4 ± 0.3 0.7 13.4	24 24
L & M king size, filter, hard pack	X s CV	7.7 8.1 ± 0.1 0.2 3.2	20.4 23.3 ± 0.5 1.1 4.9	20.4 4.4 ± 0.3 0.6 14.5	27 27
L & M king size, filter, soft pack	X s CV	8.8 9.0 ± 0.1 0.2 2.7	22.7 25.4 ± 0.6 1.3 5.3	28 4.6 ± 0.3 0.6 13.0	27 27
L & M 100 mm. filter	X s CV	10.2 10.2 ± 0.2 0.4 3.8	22.0 24.9 ± 0.8 1.7 6.7	22 3.6 ± 0.3 0.8 21.3	30 27 & 30
L & M 100 mm. filter menthol	X s CV	10.0 10.2 ± 0.2 0.5 4.7	27.0 23.9 ± 0.4 1.0 4.1	20 3.2 ± 0.2 0.7 20.9	30 30
Lark king size, filter	X s CV	8.6 8.8 ± 0.2 0.4 4.1	21.3 23.9 ± 0.6 1.3 5.5	28 4.5 ± 0.3 0.6 13.0	28 28
Lark 100 mm. filter	X s CV	9.4 9.6 ± 0.2 0.4 4.4	20.9 23.3 ± 0.4 0.8 3.4	21 3.4 ± 0.2 0.4 11.2	31 31

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm</u>
Life	X	76 7.6 ± 0.1	11.7 13.5 ± 0.3	1.2 1.9 ± 0.2	33 33
	s	0.2	0.8	0.4	
	CV	3.1	5.6	23.7	
Lucky Strike	X	85 8.6 ± 0.2	31.2 35.1 ± 0.6	3.2 5.3 ± 0.4	23 23
reg. size,	s	0.3	1.2	0.8	
non-filter	CV	4.0	3.5	15.2	
Lucky Strike	X	88 8.8 ± 0.1	24.6 27.1 ± 0.6	3.2 4.8 ± 0.3	27 27
king size,	s	0.3	1.2	0.6	
filter	CV	3.2	4.6	12.4	
Lucky Strike	X	87 9.0 ± 0.1	22.5 25.7 ± 0.6	3.2 4.9 ± 0.4	27 27
king size,	s	0.2	1.2	0.8	
filter menthol	CV	2.3	4.9	17.2	
Lucky Strike	X	96 9.8 ± 0.1	22.1 25.2 ± 0.4	2.2 3.3 ± 0.3	33 33
100 mm.	s	0.2	1.0	0.6	
filter	CV	1.8	4.0	17.6	
Lucky Strike	X	94 9.6 ± 0.1	19.9 22.7 ± 0.5	1.9 3.2 ± 0.3	33 33
100 mm.	s	0.3	1.2	0.6	
filter menthol	CV	2.8	5.2	20.1	
Mapleton	X	8.2 8.0 ± 0.1	25.7 28.8 ± 0.4	3.1 3.9 ± 0.2	23 23
reg. size,	s	0.2	1.0	0.4	
non-filter	CV	3.1	3.3	10.9	
Mapleton	X	8.6 9.0 ± 0.2	22.8 26.9 ± 0.8	2.9 4.7 ± 0.4	28 28
king size,	s	0.4	1.7	0.8	
filter	CV	4.8	6.4	17.0	

PM3000952739



BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Marlboro king size, filter hard pack	X s CV	8.8 8.9 ± 0.1 0.2 2.3	23.1 26.2 ± 0.7 1.6 6.3	2.5 4.6 ± 0.2 0.4 9.6	26 26
Marlboro king size, filter, soft pack	X s CV	9.4 9.4 ± 0.2 0.5 4.9	24.6 27.2 ± 0.7 1.5 5.5	2.9 4.4 ± 0.4 0.8 19.2	28 28
Marlboro 100 mm. filter, soft pack	X s CV	10.4 10.5 ± 0.2 0.3 3.3	25.2 27.1 ± 0.4 1.0 3.5	2.5 3.4 ± 0.2 0.4 12.7	33 30 & 33
Marlboro 100 mm. filter, hard pack	X s CV	9.9 ± 0.4 0.9 9.4	26.2 ± 0.6 1.4 5.4	3.4 ± 0.3 0.6 17.5	33
Marlboro king size, filter menthol	X s CV	9.2 9.2 ± 0.1 0.2 2.8	24.4 26.1 ± 0.4 0.8 3.2	2.8 4.1 ± 0.3 0.7 17.0	28 28
Marvels reg. size, non-filter	X s CV	6.0 6.9 ± 0.1 0.3 4.1	2.9 3.6 ± 0.2 0.5 14.7	0.4 0.6 ± 0.1 0.3 45.2	23 23
Marvels reg. size, filter	X s CV	7.3 ± 0.2 0.5 6.3	23.2 ± 0.5 1.1 4.9	3.4 ± 0.2 0.5 15.8	28
Marvels king size, non-filter	X s CV	2.0 8.9 ± 0.2 0.3 3.8	27.6 28.2 ± 0.7 1.6 5.9	2.9 4.1 ± 0.2 0.5 12.4	23 23

PM3000952740

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm</u>
Marvells king size, filter	X s CV	87 8.1 ± 0.2 0.5 6.5	4.9 8.2 ± 0.4 0.9 11.0	0.5 1.7 ± 0.3 0.7 42.2	28 28
Marvells king size, filter menthol	X s CV	80 8.5 ± 0.1 0.3 3.3	5.0 5.5 ± 0.2 0.4 7.3	2.4 1.0 ± 0.2 0.4 41.0	28 28
Montclair	X s CV	8.3 9.0 ± 0.2 0.4 4.0	10.6 11.8 ± 0.5 1.1 9.1	1.0 1.4 ± 0.2 0.3 24.1	27 27
Newport king size filter menthol hard pack	X s CV	15 8.7 ± 0.2 0.3 3.9	25.0 28.4 ± 0.8 1.8 6.5	3.4 6.0 ± 0.4 0.9 14.5	25 27
Newport king size, filter menthol soft pack	X s CV	8.6 8.6 ± 0.1 0.3 3.3	24.7 26.9 ± 0.7 1.6 6.1	3.0 4.8 ± 0.4 0.8 17.2	27 27
Newport 100 mm. filter menthol	X s CV	10.1 10.0 ± 0.1 0.3 3.1	24.6 25.3 ± 0.5 1.0 4.2	2.2 3.5 ± 0.3 0.7 19.4	33 27 & 33
Oasis	X s CV	8.6 8.7 ± 0.2 0.4 4.1	24.4 24.7 ± 0.6 1.4 5.6	2.7 4.4 ± 0.4 0.9 21.1	27 24 & 27

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm</u>
Old Gold reg. size, non-filter	X s CV	<i>72</i> 7.4 ± 0.1 0.3 3.9	<i>23.8</i> 29.1 ± 0.5 1.2 4.2	<i>24</i> 4.0 ± 0.3 0.6 16.5	<i>23</i> 23
Old Gold king size non-filter	X s CV	<i>92</i> 9.6 ± 0.1 0.3 3.2	<i>31.0</i> 36.0 ± 0.7 1.6 4.4	<i>31</i> 4.8 ± 0.3 0.6 13.2	<i>23</i> 23
Old Gold king size, filter	X s CV	<i>88</i> 8.9 ± 0.1 0.3 3.4	<i>23.9</i> 26.4 ± 0.8 1.8 7.0	<i>33</i> 5.1 ± 0.3 0.7 14.2	<i>27</i> 27
Omar	X s CV	<i>91</i> 9.2 ± 0.1 0.3 3.2	<i>32.7</i> 36.9 ± 0.8 1.7 4.7	<i>41</i> 5.8 ± 0.4 1.0 16.6	<i>23</i> 23
Pall Mall king size, non-filter soft pack	X s CV	<i>99</i> 10.0 ± 0.1 0.2 2.5	<i>30.9</i> 34.2 ± 0.7 1.5 4.5	<i>2.8</i> 4.2 ± 0.2 0.4 10.0	<i>23</i> 23
Pall Mall 100 mm. filter hard pack	X s CV	<i>90</i> 9.0 ± 0.1 0.2 2.8	<i>21.3</i> 22.8 ± 0.4 0.9 4.0	<i>2.2</i> 3.3 ± 0.2 0.4 12.4	<i>33</i> 23 & 33
Pall Mall 100 mm. filter menthol hard pack	X s CV	<i>86</i> 8.9 ± 0.3 0.6 7.1	<i>20.5</i> 22.2 ± 0.4 0.9 4.2	<i>21</i> 3.1 ± 0.3 0.6 18.8	<i>33</i> 33

BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Pall Mall 100 mm. filter soft pack	X s CV	<i>9.8</i> 10.3 ± 0.1 0.3 3.1	<i>21.7</i> 24.7 ± 0.4 0.9 3.5	<i>2.3</i> 3.3 ± 0.2 0.5 14.8	<i>32</i> 33
Pall Mall 100 mm. filter menthol soft pack	X s CV	<i>8.5</i> 9.6 ± 0.2 0.4 3.7	<i>20.5</i> 23.6 ± 0.4 0.9 3.7	<i>2.2</i> 3.3 ± 0.2 0.4 12.5	<i>33</i> 33
Parliament king size, filter hard pack	X s CV	<i>7.9</i> 7.6 ± 0.1 0.2 2.9	<i>17.9</i> 19.6 ± 0.5 1.2 6.1	<i>1.8</i> 3.0 ± 0.2 0.5 17.6	<i>31</i> 32
Parliament king size, filter soft pack	X s CV	<i>8.1</i> 8.1 ± 0.1 0.2 2.9	<i>18.2</i> 20.3 ± 0.4 0.8 4.0	<i>1.7</i> 2.9 ± 0.2 0.5 17.9	<i>33</i> 33
Philip Morris reg. size non-filter	X s CV	<i>8.1</i> 8.0 ± 0.2 0.4 4.7	<i>26.3</i> 30.4 ± 0.6 1.3 4.3	<i>2.5</i> 4.0 ± 0.2 0.4 11.0	<i>23</i> 23
Philip Morris Commander	X s CV	<i>10.3</i> 10.4 ± 0.2 0.4 3.3	<i>32.7</i> 37.8 ± 0.8 1.7 4.6	<i>2.9</i> 4.5 ± 0.2 0.5 11.2	<i>23</i> 23
Philip Morris king size, filter	X s CV	<i>8.9</i> 8.9 ± 0.2 0.4 4.1	<i>21.7</i> 23.6 ± 0.4 1.0 4.3	<i>2.3</i> 3.4 ± 0.2 0.4 12.8	<i>29</i> 29

PM3000952743

BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Philip Morris king size, filter menthol	X s CV	8.9 8.8 ± 0.1 0.2 2.4	22.7 24.7 ± 0.6 1.4 5.5	2.2 3.4 ± 0.3 0.6 17.5	29 29
Picayune	X s CV	6.9 6.8 ± 0.1 0.2 3.2	22.0 25.9 ± 0.4 0.9 3.4	2.1 3.7 ± 0.2 0.5 12.4	23 23
Piedmont	X s CV	8.5 8.3 ± 0.2 0.4 5.2	26.4 30.6 ± 0.6 1.4 4.5	2.5 4.3 ± 0.2 0.5 12.0	23 23
Players	X s CV	9.5 10.0 ± 0.2 0.4 3.7	34.1 37.8 ± 0.5 1.1 2.8	2.5 4.0 ± 0.2 0.4 11.0	23 23
Raleigh king size, non-filter	X s CV	9.4 9.6 ± 0.2 0.4 4.0	32.7 36.4 ± 0.8 1.7 4.7	3.3 4.4 ± 0.2 0.6 12.7	23 23
Raleigh king size, filter	X s CV	9.1 9.1 ± 0.1 0.2 2.8	22.0 23.8 ± 0.6 1.4 6.0	2.5 3.6 ± 0.2 0.5 14.9	28 28
Salem king size, filter menthol	X s CV	9.8 9.8 ± 0.1 0.3 3.2	24.1 26.3 ± 0.6 1.3 4.9	2.8 4.7 ± 0.3 0.8 16.7	27 27
Salem 100 mm. filter menthol	X s CV	11.0 11.2 ± 0.1 0.3 2.6	23.9 26.4 ± 0.6 1.3 4.9	2.3 3.5 ± 0.2 0.5 15.1	33 33

PM3000952744

BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Sano reg. size, non-filter	X s CV	6.0 6.4 ± 0.1 0.3 5.1	13.8 18.5 ± 0.9 1.9 10.5	1.3 2.6 ± 0.2 0.6 21.6	23 23
Sano reg. size, filter	X s CV	6.5 6.4 ± 0.2 0.3 5.4	3.9 4.4 ± 0.2 0.4 10.0	0.3 0.9 ± 0.2 0.4 42.3	27 27
Silva Thins 100 mm. filter	X s CV	9.5 9.3 ± 0.1 0.3 3.0	15.8 18.4 ± 0.4 0.8 4.2	1.4 2.5 ± 0.1 0.3 12.7	33 33
Silva Thins 100 mm. filter menthol	X s CV	9.3 9.3 ± 0.1 0.3 3.4	16.5 17.9 ± 0.5 1.0 5.8	1.5 2.4 ± 0.2 0.5 20.4	33 33
Spring	X s CV	10.2 10.2 ± 0.2 0.4 3.8	24.4 24.8 ± 0.6 1.3 5.4	2.2 3.2 ± 0.2 0.4 12.5	33 33
Stratford king size, non-filter	X s CV	9.4 9.2 ± 0.2 0.4 4.4	26.7 30.4 ± 0.6 1.4 4.6	3.1 4.1 ± 0.2 0.5 12.2	23 23
Stratford king size, filter	X s CV	8.1 9.9 ± 0.1 0.3 3.5	22.7 24.3 ± 0.5 1.2 4.7	4.3 5.0 ± 0.3 0.7 14.2	28 28
Stratford king size, filter menthol	X s CV	8.9 ± 0.2 0.4 4.0	26.0 ± 0.5 1.2 4.5	5.3 ± 0.4 0.9 16.5	28
Sweet Caporal	X s CV	9.5 9.6 ± 0.1 0.3 2.7	27.0 28.9 ± 0.7 1.6 5.5	3.9 5.6 ± 0.5 1.1 19.2	27 27

PM3000952745

BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Tareyton king size, filter	X s CV	<i>8.9</i> 9.0 ± 0.2 0.4 4.4	<i>19.9</i> 21.6 ± 0.4 1.0 4.7	<i>2.6</i> 4.0 ± 0.3 0.6 15.0	<i>27</i> 28
Tareyton 100 mm. filter	X s CV	<i>10.3</i> 10.5 ± 0.1 0.3 2.8	<i>19.4</i> 21.5 ± 0.4 1.0 4.6	<i>2.2</i> 3.3 ± 0.2 0.4 11.6	<i>33</i> 33
Tempo	X s CV	<i>8.2</i> 8.3 ± 0.2 0.4 4.3	<i>11.5</i> 16.7 ± 0.7 1.6 9.8	<i>1.1</i> 2.5 ± 0.2 0.4 17.7	<i>33</i> 27 & 33
True (Blue) king size, filter	X s CV	<i>8.1</i> 8.4 ± 0.1 0.3 3.2	<i>12.5</i> 15.3 ± 0.5 1.0 6.8	<i>1.0</i> 1.9 ± 0.2 0.4 21.7	<i>33</i> 33
True (Green) king size, filter menthol	X s CV	<i>8.1</i> 8.2 ± 0.2 0.4 4.6	<i>12.9</i> 15.0 ± 0.6 1.4 9.5	<i>1.1</i> 1.9 ± 0.2 0.3 17.5	<i>33</i> 33
Tryon king size, filter	X s CV	<i>8.9</i> 9.0 ± 0.2 0.4 5.0	<i>12.1</i> 13.9 ± 0.4 0.8 5.9	<i>1.1</i> 2.0 ± 0.1 0.3 16.3	<i>28</i> 28
Tryon king size filter menthol	X s CV	<i>9.0</i> 9.8 ± 0.2 0.3 3.5	<i>16.5</i> 14.3 ± 0.8 1.7 11.8	<i>1.6</i> 2.4 ± 0.3 0.6 25.5	<i>28</i> 28
Viceroy king size, filter	X s CV	<i>9.1</i> 9.2 ± 0.1 0.3 3.5	<i>21.5</i> 24.0 ± 0.4 1.0 4.1	<i>2.2</i> 3.5 ± 0.2 0.4 12.8	<i>28</i> 28
Viceroy 100 mm. filter	X s CV	<i>11.6</i> 10.5 ± 0.1 0.3 2.9	<i>22.8</i> 24.3 ± 0.5 1.2 5.0	<i>2.3</i> 3.1 ± 0.2 0.5 15.5	<i>33</i> 33

PM3000952746

BRAND		Puff Count	TPM mg/cigt.	Water in TPM mg/cigt.	Butt Length-mm
Virginia Slims 100 mm. filter	X s CV	9.3 9.3 ± 0.1 0.3 2.8	22.7 22.8 ± 0.8 1.7 7.5	2.0 3.2 ± 0.3 0.7 20.7	35 35
Virginia Slims 100 mm. menthol	X s CV	9.3 9.4 ± 0.1 0.2 2.5	21.0 22.9 ± 0.4 1.0 4.3	2.1 3.1 ± 0.2 0.4 14.9	35 35
Vogue assorted colors	X s CV	8.8 9.1 ± 0.1 0.3 3.4	14.7 16.4 ± 0.5 1.2 7.1	2.8 4.5 ± 0.3 0.7 15.1	23 23
Vogue black	X s CV	10.0 10.4 ± 0.1 0.3 2.8	18.1 25.9 ± 1.5 3.3 12.7	3.7 6.3 ± 0.6 1.2 19.6	23 23
Wings	X s CV	8.7 8.3 ± 0.1 0.2 2.3	22.0 25.2 ± 0.6 1.4 5.5	2.4 4.2 ± 0.3 0.7 17.1	28 27 & 28
Winston king size, filter hard pack	X s CV	9.0 9.6 ± 0.1 0.3 2.9	24.8 28.1 ± 0.5 1.1 3.8	3.3 5.7 ± 0.4 0.9 15.2	24 24
Winston king size, filter soft pack	X s CV	9.6 9.6 ± 0.1 0.3 2.9	25.0 27.2 ± 0.5 1.2 4.3	3.3 5.1 ± 0.3 0.7 14.5	27 27
Winston 100 mm. filter soft pack	X s CV	11.0 11.3 ± 0.1 0.3 2.4	24.4 26.6 ± 0.4 0.8 3.1	2.6 3.4 ± 0.2 0.4 12.3	33 33

PM3000952747



<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm</u>
Winston 100 mm. filter menthol	X s CV	<i>109</i> 11.2 ± 0.1 0.3 2.8	<i>24.2</i> 26.8 ± 0.4 0.9 3.4	<i>2.4</i> 3.7 ± 0.2 0.5 13.9	<i>33</i> 33
Yukon	X s CV	<i>161</i> 10.1 ± 0.2 0.5 4.6	<i>23.6</i> 25.7 ± 0.6 1.5 5.7	<i>4.0</i> 5.5 ± 0.3 0.7 13.2	<i>24</i> 24
Monitor Smoking Machine A	X s CV	9.1 ± 0.03 0.2 2.8	25.7 ± 0.1 1.2 4.6	4.4 ± 0.07 0.7 15.0	27
Monitor Smoking Machine B	X s CV	9.2 ± 0.02 0.2 2.5	25.7 ± 0.1 1.2 4.8	4.5 ± 0.09 0.8 17.7	27
		<i>9.0</i> 9.2	<i>22.1</i> 24.8	<i>2.5</i> 3.8	

PM3000952748